



WIKIPEDIA  
The Free Encyclopedia

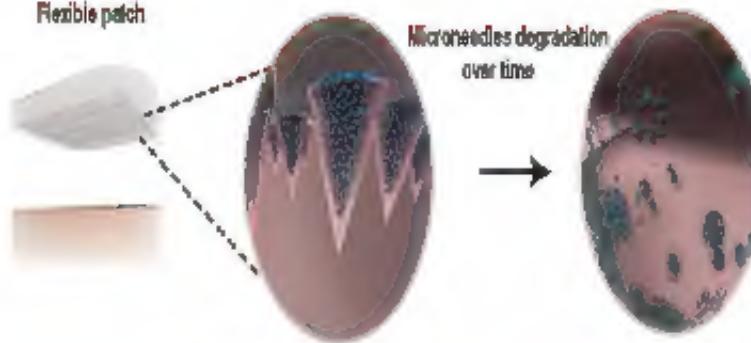
[Article](#) [Talk](#)

## Microneedle drug delivery

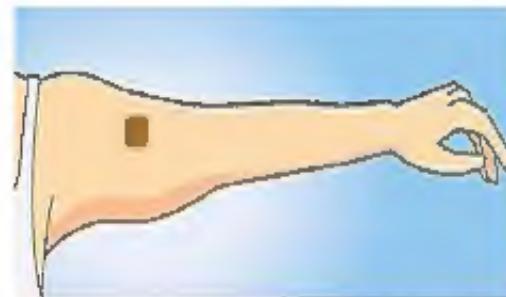
From Wikipedia, the free encyclopedia

# HELL 666

Flexible patch



Microneedles degradation  
over time



5 min



30 min



6 h

## Research and Applications [\[edit\]](#)

Researchers at MIT, led by Ana Jaklenec, are developing technology for both administering vaccines and also leaving an invisible "on-patient" vaccination record. This research has funding from many entities including the Bill & Melinda Gates Foundation and the Koch Institute.<sup>[14]</sup>

The new technology is even being considered for use in monitoring vaccination records of travelers as a means to prevent infections diseases from spreading. The invisible mark would be scanned at ports of entry to allow for movement of people, while controlling for the spread of viruses.<sup>[15]</sup>

